BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Modified Estimate for Emergency Work (Culverts, Footpath and others) Improvements to Drains at Main and Cross Roads of Kodigehalli and Surroundin areas in Ward No. 08, Kodigehalli Sub Division.

							Estimate Cost Rs.		900106.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16**	Cum							
	9th Main Road		2	87.30	0.90	0.75	117.86		
	20th D Main		2	12.00	0.90	0.75	16.20		
			2	45.00	0.90	0.75	60.75		
			2	100.00	0.90	0.75	135.00		
	For Shouder								
	9th Main Road		1	87.30	1.10	0.20	19.21		
			1	62.30	1.20	0.20	14.95		
	2th D Main E/S		2	12.00	1.20	0.20	5.76		
			1	24.00	1.20	0.20	5.76		
			1	12.00	1.20	0.20	2.88		
			1	24.00	1.00	0.20	4.80		
			1	12.50	1.00	0.20	2.50		
			1	35.00	1.00	0.20	7.00		
	Total Qty						**392.66**	TP	
	Qty upto 125%						**104.55**	70.00	**7319.00**
	Qty Above 125%						**288.11**	74.58	**21489.00**
	PWD SR 2016- 17 Basic Rate	77.00							
	Area Weightage @ 6%	4.62							
	Total	**81.62**							
	Tender Premium @ -8.62%	-7.04							
		74.58							
2	Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2015-16**	Sqm							
	9th Main Road		2	87.30	0.90		157.14		
	20th D Main		2	12.00	0.90		21.60		
			2	45.00	0.90		81.00		
			2	100.00	0.90		180.00	TP	
							439.74	60.00	**26384.00**
3	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2015-16**	Sqm							
			Qty Vide Item No. 2				439.74		
							439.74	70.00	**30782.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3 / PWD SR 2015-16**	Cum							
	For Shouder								
	9th Main Road		1	87.30	1.10	0.15	14.40		
			1	31.00	1.20	0.15	5.58		
	Total Qty						**19.98**	TP	
	Qty upto 125%						**2.70**	4900.00	**13230.00**
	Qty Above 125%						**17.28**	4547.71	**78605.00**
	PWD SR 2016- 17 Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
	Tender Premium @ -8.62%	-428.99							
		4547.71							
5	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. **Page No. 109 / Item No. 15.3 / PWD SR 2015-16**	Sqm							
			2	87.30	1.80		314.28		
			2	12.00	1.80		43.20		
	Total Qty						**357.48**	TP	
	Qty upto 125%						**36.00**	80.00	**2880.00**
	Qty Above 125%						321.48	89.11	**28648.00**
	PWD SR 2016- 17 Basic Rate	92.00							
	Area Weightage @ 6%	5.52							
	Total	**97.52**							
	Tender Premium @ -8.62%	-8.41							
		89.11							
6	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. **No. 12/ Item No. 4.6 / PWD SR 2015-16**	Cum							
	20th D Main W/S		1	15.00	0.90	0.15	2.03		
			1	6.00	1.20	0.15	1.08		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total Qty						**3.11**	TP	
	Qty upto 125%						**1.80**	5000.00	**9000.00**
	Qty Above 125%						**1.31**	5270.30	**6878.00**
	PWD SR 2016- 17 Basic Rate	5441.00							
	Area Weightage @ 6%	326.46							
	Total	**5767.46**							
	Tender Premium @ -8.62%	-497.16							
		5270.30							
7	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **Page No. 13 / Item No. 4.11 / PWD SR 2015-16**	Cum							
			1	24.00	1.00	0.15	3.60		
			1	12.50	1.00	0.15	1.88		
	Total Qty						**5.48**	TP	
	Qty upto 125%						**3.91**	6000.00	**23475.00**
	Qty Above 125%						**1.56**	4547.71	**7106.00**
	PWD SR 2016- 17 Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
	Tender Premium @ -8.62%	-428.99							
		4547.71							
8	Providing and laying in position reinforced cenment concrete M20 mix with stone aggregates 20mm and down size for slab (including steel reinforcement) including centreing and shuttering, maching mixed concrete laid in layers not exceeding 15cm thick well compcted cost of all materials, labour HOM of machineries curing complete as per specification (approved data rate enclosed)	Sqm							
	Missing Slab		2	145.00	0.90		261.00		
							261.00	1500.00	**391500.00**
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	Cum							
	Total Qty						**392.66**	TP	

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Qty upto 125%						**88.86**	72.00	**6398.00**
	Qty Above 125%						**303.80**	70.83	**21517.00**
	PWD SR 2016- 17 Basic Rate	73.12							
	Area Weightage @ 6%	4.39							
	Total	**77.51**							
	Tender Premium @ -8.62%	-6.68							
		70.83							
	EIRL								
10	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. **P.No. 109, I.No. 14.62 of PWD SR 2016-17**	Sqm							
	For Shouder								
	9th Main Road		1	87.30	1.10		96.03		
			1	62.30	1.20		74.76		
	2th D Main E/S		2	12.00	1.20		28.80		
			1	12.00	1.20		14.40		
							213.99	1050.96	**224895.00**
	Basic Rate	1085.00							
	Area Weightage @ 6%	65.10							
	Total	**1150.10**							
	Tender Premium @ -8.62%	-99.14							
		1050.96							
								Total	**900106.00**

Rupees Nine Lakh(s) One Hundred Six Only

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16, 2016-17 +/- Tender Premium.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 08

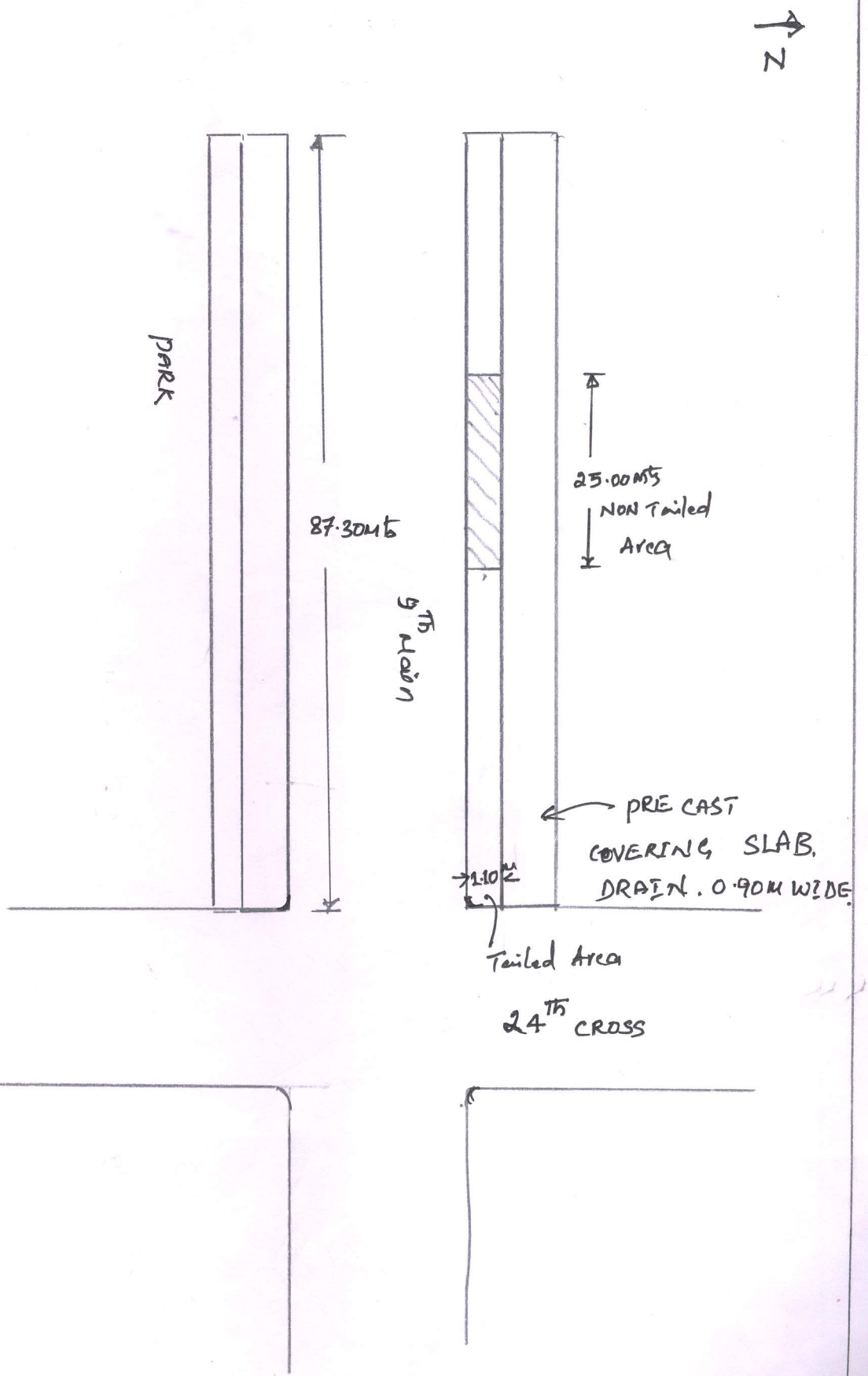
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer 2/06
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

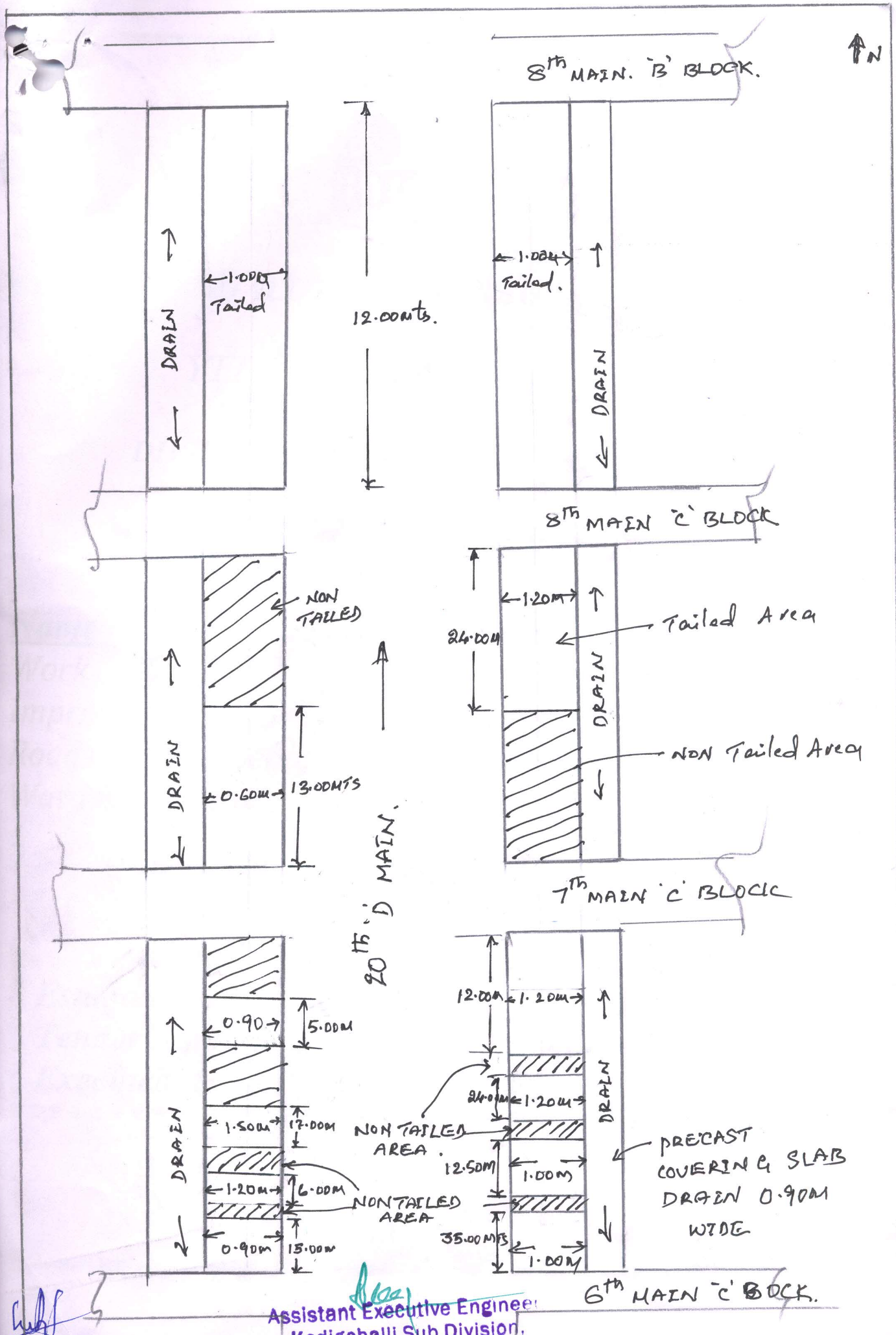
2/06

"Modified Estimate Sanctioned"

Chief Engineer
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
Bangalore



Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.



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